

Serial No. 10/657,355

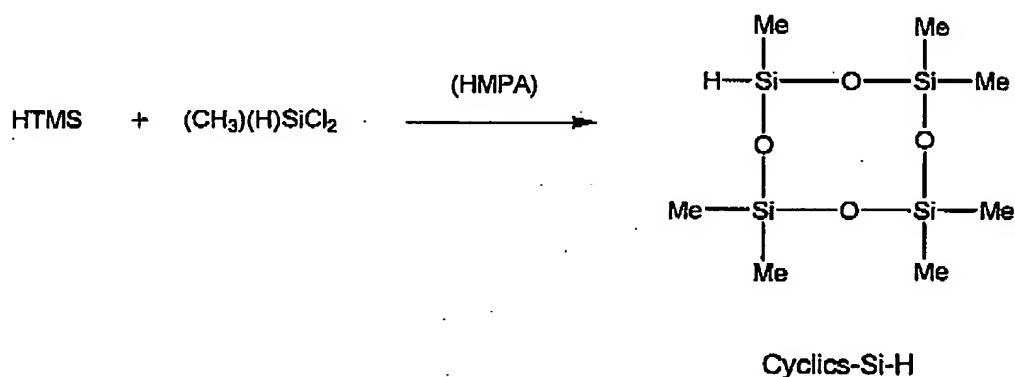
AMENDMENTS TO THE SPECIFICATION

Please amend Paragraph [0016] of the specification to read as follows:

-- A typical prepolymer of Formula 1 may be prepared in accordance with the steps outlined in the following Reaction Scheme 1.

Reaction Scheme 1

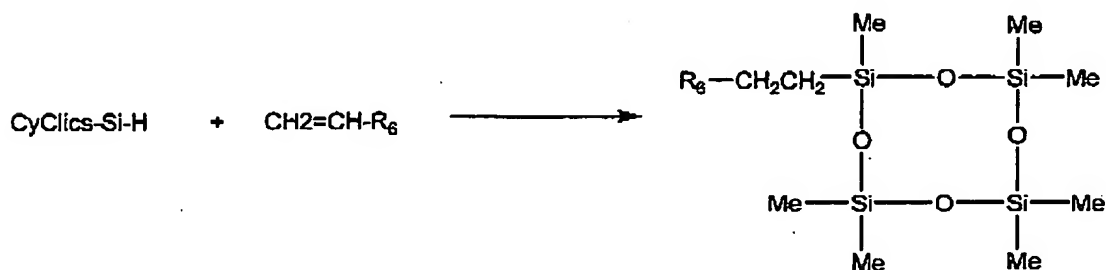
Step 1. Preparation of Cyclics Containing Si-H:



HMPA = hexamethyl phospharamide

Me = methyl group

Step 2. Preparation of Cyclics with Yellow Dye Moiety (Cyclics-R₆):

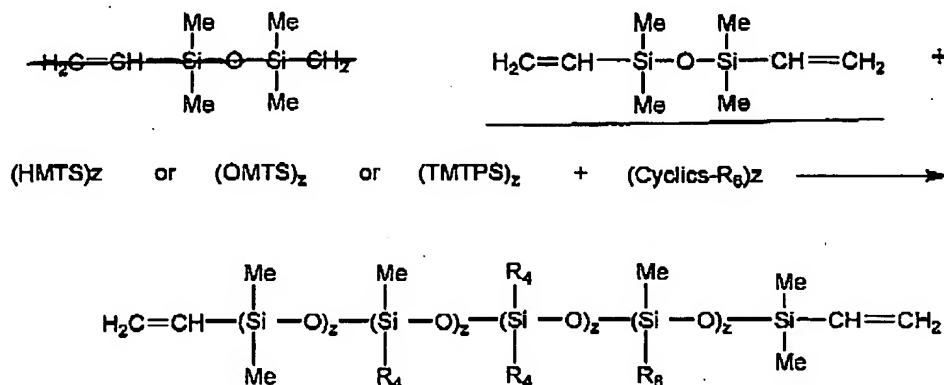


Me = methyl group

R₆ = functional group which absorbs blue light (yellow dye moiety)

Serial No. 10/657,355

Step 3. Insertion Reaction of Cyclics with 1,3-divinyltetramethyldisiloxane to Produce Divinyl-Terminated Polysiloxane with High Refractive Index and with Yellow Dye Moiety:



z = the same or differing non-negative integers greater than zero

It should be noted that if dimethyldihydrosilane is used in Step 1 of Reaction Scheme 1, then two R_6 groups could be attached to the same silicon in the siloxane unit in the prepolymer of Formula 1, i.e., R_5 is R_6 provided that R_6 comes from a reactive dye with only one ethylenically unsaturated group as described above. Alternatively, if R_6 comes from a reactive dye with two ethylenically unsaturated groups, Step 2 would produce a dye moiety attached to two units of siloxane cyclics. Such leads to the formation of the prepolymer of Formula 2. –

Please amend Paragraph [0023] to read as follows:

– A dry, clean 3-neck, 3-L round bottom flask equipped with mechanical stirrer, reflux condenser and nitrogen blanket, is charged with 3.02 g (0.005 mole) of reactive cyclic yellow dye from Example 3, phenyl-1,3,3,5,5,7,7-heptamethyl cyclotetrasiloxane, 73 g (0.01 mole) of α ω -bis-vinylpolydimethylsiloxane from Example 4, 473.6 grams of 1,1,3,3,5,5,7,7-octamethyl cyclotetrasiloxane, 340 grams of 1,3-trimethyl-1,3,5-triphenyl cyclotrisiloxane, and 0.139 gram of potassium trimethylsilanoate trimethylsilanolate. The contents are heated with mechanical stirring until it reached 150-160 °C. It is then purged with nitrogen for 1-2

Serial No. 10/657,355

minutes. The content is then kept stirred at 160 °C. The viscosity starts to increase rapidly. The reaction is terminated after heating overnight. The prepolymer has a theoretical Mn around 88,600. Refractive index should be higher than 1.46. The prepolymer should have yellow dye content about 0.16%_--